MAR 2 9 2004 NO PROPERTY HOGA

SEQUENCE LISTING

HOGARTH, PHILLIP M.
MCKENZIE, IAN F.C.
BAKER, ROSS I.
HULETT, MARK D.
POWELL, MAREE S.

<120> POLYPEPTIDES WITH Fc BINDING ABILITY

<130> 049197/0104

<140> 09/633,147

<141> 2000-08-04

<160> 72

<170> PatentIn Ver. 2.1

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 1

tacgaattcc tatggagacc caaatgtctc

30

<210> 2

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 2

tttgtcgacc acatggcata acg

23

<210> 3

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<400> 3

cacateceag tteeteeaac egtggeaect cageatg

37

<210> 4

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

	Description of Artificial Sequence: oligonucleotide	Synthetic	
<400> aggaac	4 tggg atgtgtacaa ggtcacattc ttccag		36
<210><211><212><212><213>	34		
	Description of Artificial Sequence: oligonucleotide	Synthetic	
<400> gtggtt	5 ctca taccagaatt tctggggatt ttcc		34
<210><211><212><212><213>	32		
<220> <223>	Description of Artificial Sequence: oligonucleotide	Synthetic	
<400> ctggta	6 etgag aaccacacct tctccatccc ac		32
<210><211><211><212><213>	22		
<220> <223>	Description of Artificial Sequence: oligonucleotide	Synthetic	
<400> gaagga	7 Icaag gctctggtca ag		22
<210><211><211><212><213>	22		
<220> <223>	Description of Artificial Sequence: oligonucleotide	Synthetic	
<400> cttgac	8 ccaga gccttgtcct tc		22
<210><211><211><212>	22		

<213>	Artificial Sequence			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> ctggaa	9 ggac gctcctctgg tc		2	22
<210><211><211><212><213>	22			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gaccag	10 agga gcgtccttcc ag		:	22
<210><211><211><212><212><213>	22			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> ggacaa	11 gcct gctgtcaagg tc		:	22
<210><211><211><212><213>	22			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gacctt	12 gaca gcaggcttgt cc		:	22
<210><211><211><212><213>	23			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gacaag	13 cctc tggctaaggt cac		:	23

<210><211><211><212><213>	23			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gtgaco	14 ettag ccagaggett gtc		2	3
<210><211><211><212><212><213>	21			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> cccaga	15 maage tteeegtttg g		2	1
<210><211><212><212><213>	21			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> ccaaac	16 cggga agctttctgg g		2	1
<210><211><211><212><213>	22			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> cagaaa	17 attcg ctcgtttgga tc		2	:2
<210><211><211><212><213>	22			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400>	18			

gatccaaacg agcgaatttc tg	22
<210> 19 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 19 gaaattctcc gctttggatc cc	22
<210> 20 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 20 gggatccaaa gcggagaatt tc	22
<210> 21 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 21 attetecegt getgatecea ee	22
<210> 22 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 22 ggtgggatca gcacgggaga at	22
<210> 23 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic	

oligonucleotide

<400> 2 ctcccgt	23 tttg gctcccacct tc			22
<210> 2 <211> 2 <212> [<213>]	22			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> 2 gaaggto	24 ggga gccaaacggg ag ·			22
<210> 2 <211> 2 <212> [<213>]	22			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> 2 ccgtttq	25 ggat gctaccttct cc			22
<210> 2 <211> 2 <212> I <213> A	22			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> 2 ggagaaq	26 ggta gcatccaaac gg			22
<210> 2 <211> 2 <212> I <213> P	26			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> 2 cattctt	27 toca ggcaggaaaa toccag			26
<210> 2 <211> 2 <212> 1	26			

<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> ctggga	28 atttt cctgcctgga agaatg			26
<210><211><211><212><213>	28			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> cttcca	29 agaat gcaaaatccc agaaattc			28
<210> <211> <212> <213>	28			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gaatt	30 cctgg gattttgcat tctggaag			28
<210><211><211><212><213>	25			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> ccagaa	31 atgga gcatcccaga aattc			25
<210><211><211><212><213>	25			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gaatt	32 cctgg gatgetecat tetgg			25
<210> <211>				

<212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 33 ggttcactga ggctggtctg gc	22
<210> 34 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 34 cagcetcagt gaacetgtgt ace	23
<210> 35 <211> 34 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 35 cgtctcttct gacaggctgc cattgtggaa ccac	34
<210> 36 <211> 34 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 36 gtcagaagag acgaattcac ccagctacag gtcc	34
<210> 37 <211> 40 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 37 aaatttggca ttcacaatat tcaagctggg ctgcgtgtgg	40

•

<210> 38 <211> 41 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 38 aatattgtga atgccaaatt tgaagacagc ggggagtaca c	41
<210> 39 <211> 32 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 39 atcgatgaat tcatgaagaa gtggtgggta ac	32
<210> 40 <211> 25 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 40 gggggagcgc ctaaggcagc ttgac	25
<210> 41 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 41 ccttaggcgc tcccccaaag gctg	24
<210> 42 <211> 31 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 42	

ccccatcatg aattcctatt ggacagtgat g	31
<210> 43 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 43 ctgtacgggc gcagtgtggc agc	23
<210> 44 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 44 gctgccacac tgcgcccgta cag	23
<210> 45 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 45 gtaccggcaa agcatggcag ctgg	24
<210> 46 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 46 ccagctgcca tgctttgccc gtac	24
<210> 47 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic	

oligonucleotide

<400> 47 gggcaaagtg gcacagctgg ac	22
<210> 48 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 48 gtccagctgt gccactttgc cc	22
<210> 49 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 49 gcaaagtgtg ggcactggac tatg	24
<210> 50 <211> 24 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 50 catagtccag tgcccacact ttgc	24
<210> 51 <211> 23 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 51 gtgtggcagg cagactatga gtc	23
<210> 52 <211> 23 <212> DNA <213> Artificial Sequence	

<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gactca	52 atagt ctgcctgcca cac			23
<210><211><211><212><213>	23			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gtggca	53 agctg gcatatgagt ctg			23
<210> <211> <212> <213>	23			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400>	54 tcata tgccagctgc cac			23
<210><211><212><212><213>	23			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gcagc	55 tggac gcagagtctg agc			23
<210><211><212><212><213>	23			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gctca	56 gactc tgcgtccagc tgc			23
<210> <211>				

<212> <213>	DNA Artificial Sequence			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gctgga	57 ctat gcatctgagc ccc		2	23
<210><211><211><212><213>	23			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> ggggct	58 caga tgcatagtcc agc		2	23
<210><211><211><212><213>	24			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	٠
<400> gctctc	59 aagg catggtatga gaac		2	24
<210><211><212><212><213>	24			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gttctc	60 catac catgccttga gagc		2	24
<210><211><212><212><213>	24			
	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400>	61		2	2 4

<210><211><211><212><213>	24			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gtggtt	62 ctca tatgcgtact tgag		2	4
<210><211><212><212><213>	22			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> caagta	63 actgg gcagagaacc ac		2:	2
<210><211><212><212><213>	22			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gtggtt	64 ctct gcccagtact tg		2.	2
<210><211><211><212><213>	25			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400> gtacto	65 ggtat gcaaaccaca acatc		2	5
<210><211><211><212><213>	25			
<220> <223>	Description of Artificial oligonucleotide	Sequence:	Synthetic	
<400>	66			

gatgttgtgg tttgcatacc agtac	25
<210> 67 <211> 25 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 67 ctggtatgag gcacacaaca tctcc	25
<210> 68 <211> 25 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 68 ggagatgttg tgtgcctcat accag	25
<210> 69 <211> 28 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 69 ggtatgagaa cgcaaacatc tccattac	28
<210> 70 <211> 28 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence: Synthetic oligonucleotide	
<400> 70 gtaatggaga tgtttgcgtt ctcatacc	28
<210> 71 <211> 2265 <212> DNA <213> Homo sapiens	
<220> <221> CDS	

<222> (1)..(2262)

	0> 7:		220	agt	aaa	att	act	cat	caa	+++	222	aat	tta	aas	722	48
				Ser 5												40
				gcc Ala												96
				gaa Glu												144
				tgt Cys												192
				ctt Leu												240
				ggt Gly 85												288
				tgc Cys												336
				aga Arg												384
				aca Thr												432
				ttt Phe												480
				ttt Phe 165												528
				aag Lys												576
				aga Arg												624
aga Arg	gct Ala 210	ttc Phe	aaa Lys	gca Ala	tgg Trp	gca Ala 215	gta Val	gct Ala	cgc Arg	ctg Leu	agc Ser 220	cag Gln	aga Arg	ttt Phe	ccc Pro	672
				gca Ala												720

					tgc Cys											768
					aag Lys											816
					tgc Cys											864
					gaa Glu											912
					gtt Val 310											960
					ttc Phe											1008
					tct Ser											1056
					gag Glu											1104
					ttc Phe											1152
					caa Gln 390											1200
					gcg Ala											1248
					act Thr											1296
gtg Val	ggc Gly	agc Ser 435	aaa Lys	tgt Cys	tgt Cys	aaa Lys	cat His 440	cct Pro	gaa Glu	gca Ala	aaa Lys	aga Arg 445	atg Met	ccc Pro	tgt Cys	1344
					tcc Ser											1392
					agt Ser 470											1440
					cca Pro											1488

	485	490		495
tac gtt ccc aaa Tyr Val Pro Lys 500	gag ttt aat g Glu Phe Asn A	gct gaa aca s Ala Glu Thr s 505	ttc acc ttc cat Phe Thr Phe His 510	gca gat 1536 Ala Asp
	Ser Glu Lys C		atc aag aaa caa Ile Lys Lys Gln 525	
			gca aca aaa gag Ala Thr Lys Glu 540	
		Ala Ala Phe '	gta gag aag tgc Val Glu Lys Cys 555	
			gag ggt aaa aaa Glu Gly Lys Lys	
			cca aag gct gtg Pro Lys Ala Val 590	
ctt gag ccc ccg Leu Glu Pro Pro 595	Trp Ile Asn V	gtg ctc cag Val Leu Gln (600	gag gac tct gtg Glu Asp Ser Val 605	act ctg 1824 Thr Leu
aca tgc cag ggg Thr Cys Gln Gly 610	gct cgc agc c Ala Arg Ser E 615	cct gag agc Pro Glu Ser	gac tcc att cag Asp Ser Ile Gln 620	tgg ttc 1872 Trp Phe
		Thr His Thr	cag ccc agc tac Gln Pro Ser Tyr 635	
			acg tgc cag act Thr Cys Gln Thr	
			gtg ctt tcc gaa Val Leu Ser Glu 670	
	Pro His Leu (gag gga gaa acc Glu Gly Glu Thr 685	
ctg agg tgc cac Leu Arg Cys His 690	agc tgg aag c Ser Trp Lys A 695	gac aag cct Asp Lys Pro	ctg gtc aag gtc Leu Val Lys Val 700	aca ttc 2112 Thr Phe
		Lys Phe Ser	cat ttg gat ccc His Leu Asp Pro 715	
			ggt gat tac cac Gly Asp Tyr His	

gga aac ata gge Gly Asn Ile Gly 74	Tyr Thr	ctg ttc Leu Phe	tca tcc Ser Ser 745	aag cct Lys Pro	Val Th	cc atc nr Ile 50	act 2256 Thr
gtc caa tag Val Gln							2265
<210> 72 <211> 754 <212> PRT <213> Homo sap	.ens						
<400> 72 Asp Ala His Ly	Ser Glu 5	Val Ala	His Arg		Asp Le	eu Gly 15	Glu
Glu Asn Phe Ly		Val Leu	Ile Ala 25	Phe Ala		yr Leu 30	Gln
Gln Cys Pro Pho	e Glu Asp	His Val		ı Val Asn	Glu Va 45	al Thr	Glu
Phe Ala Lys Th	Cys Val	Ala Asp 55	Glu Ser	Ala Glu 60		/s Asp	Lys
Ser Leu His Th	Leu Phe	Gly Asp	Lys Leu	Cys Thr	Val A	la Thr	Leu 80
Arg Glu Thr Ty	Gly Glu 85	Met Ala	Asp Cys	_	Lys G	in Glu 95	Pro
Glu Arg Asn Gl		Leu Gln	His Lys	Asp Asp		o Asn 10	Leu
Pro Arg Leu Va. 115	. Arg Pro	Glu Val 120	-	. Met Cys	Thr A: 125	la Phe	His
Asp Asn Glu Glu	Thr Phe	Leu Lys 135	Lys Tyr	Leu Tyr 140		le Ala	Arg
Arg His Pro Ty: 145	Phe Tyr	Ala Pro	Glu Leu	Leu Phe 155	Phe A	la Lys	Arg 160
Tyr Lys Ala Ala	Phe Thr	Glu Cys	Cys Glr 170		Asp L	ys Ala 175	Ala
Cys Leu Leu Pro	_	Asp Glu	Leu Aro	Asp Glu		ys Ala 90	Ser
Ser Ala Lys Gl: 195	n Arg Leu	Lys Cys 200		Leu Gln	Lys Pl 205	ne Gly	Glu
Arg Ala Phe Ly 210	s Ala Trp	Ala Val 215	Ala Aro	Leu Ser 220		rg Phe	Pro
Lys Ala Glu Ph	e Ala Glu 230	Val Ser	Lys Let	Val Thr 235	Asp L	eu Thr	Lys 240
Val His Thr Gl	Cys Cys 245	His Gly	Asp Let 250		Cys A	la Asp 255	Asp

Arg Ala Asp Leu Ala Lys Tyr Ile Cys Glu Asn Gln Asp Ser Ile Ser 265 Ser Lys Leu Lys Glu Cys Cys Glu Lys Pro Leu Leu Glu Lys Ser His 280 Cys Ile Ala Glu Val Glu Asn Asp Glu Met Pro Ala Asp Leu Pro Ser 295 Leu Ala Ala Asp Phe Val Glu Ser Lys Asp Val Cys Lys Asn Tyr Ala 315 Glu Ala Lys Asp Val Phe Leu Gly Met Phe Leu Tyr Glu Tyr Ala Arg Arg His Pro Asp Tyr Ser Val Val Leu Leu Leu Arg Leu Ala Lys Thr 345 Tyr Glu Thr Thr Leu Glu Lys Cys Cys Ala Ala Ala Asp Pro His Glu Cys Tyr Ala Lys Val Phe Asp Glu Phe Lys Pro Leu Val Glu Glu Pro 375 Gln Asn Leu Ile Lys Gln Asn Cys Glu Leu Phe Glu Gln Leu Gly Glu Tyr Lys Phe Gln Asn Ala Leu Leu Val Arg Tyr Thr Lys Lys Val Pro Gln Val Ser Thr Pro Thr Leu Val Glu Val Ser Arg Asn Leu Gly Lys Val Gly Ser Lys Cys Cys Lys His Pro Glu Ala Lys Arg Met Pro Cys Ala Glu Asp Tyr Leu Ser Val Val Leu Asn Gln Leu Cys Val Leu His Glu Lys Thr Pro Val Ser Asp Arg Val Thr Lys Cys Cys Thr Glu Ser Leu Val Asn Arg Arg Pro Cys Phe Ser Ala Leu Glu Val Asp Glu Thr Tyr Val Pro Lys Glu Phe Asn Ala Glu Thr Phe Thr Phe His Ala Asp 505 Ile Cys Thr Leu Ser Glu Lys Glu Arg Gln Ile Lys Lys Gln Thr Ala Leu Val Glu Leu Val Lys His Lys Pro Lys Ala Thr Lys Glu Gln Leu Lys Ala Val Met Asp Asp Phe Ala Ala Phe Val Glu Lys Cys Cys Lys 545 Ala Asp Asp Lys Lys Thr Cys Phe Ala Glu Gly Lys Lys Leu Val Ala Ala Ser Gln Ala Ala Leu Gly Ala Pro Pro Lys Ala Val Leu Lys 585

Leu Glu Pro Pro Trp Ile Asn Val Leu Gln Glu Asp Ser Val Thr Leu 595 600 605

Thr Cys Gln Gly Ala Arg Ser Pro Glu Ser Asp Ser Ile Gln Trp Phe 610 615 620

His Asn Gly Asn Leu Ile Pro Thr His Thr Gln Pro Ser Tyr Arg Phe 625 630 635 640

Lys Ala Asn Asn Asn Asp Ser Gly Glu Tyr Thr Cys Gln Thr Gly Gln 645 650 655

Thr Ser Leu Ser Asp Pro Val His Leu Thr Val Leu Ser Glu Trp Leu 660 665 670

Val Leu Gln Thr Pro His Leu Glu Phe Gln Glu Gly Glu Thr Ile Met 675 680 685

Leu Arg Cys His Ser Trp Lys Asp Lys Pro Leu Val Lys Val Thr Phe 690 695 700

Phe Gln Asn Gly Lys Ser Gln Lys Phe Ser His Leu Asp Pro Thr Phe 705 710 715 720

Ser Ile Pro Gln Ala Thr His Ser His Ser Gly Asp Tyr His Cys Thr 725 730 735

Gly Asn Ile Gly Tyr Thr Leu Phe Ser Ser Lys Pro Val Thr Ile Thr 740 745 750

Val Gln